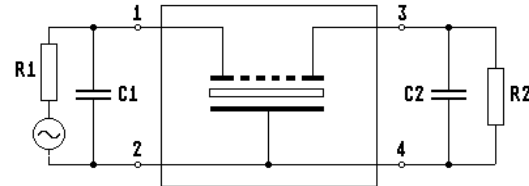
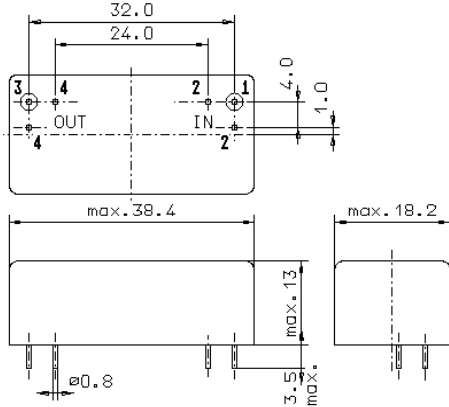


Specification for monolithic crystal filter:

**MQF 35.4-2600/05**

**1. General**

1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 35.4-2600/05 |
| 1.3. Number of poles:             | 10               |
| 1.4. Operating temperature range: | -40°C to +65°C   |
| 1.5. Storage temperature range:   | -45°C to +85°C   |

**2. Electric values**

- |                                   |          |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 35.4 MHz |
|-----------------------------------|----------|

**2.2. Pass band**

- |   |                          |
|---|--------------------------|
| 2.2.1. Centre frequency fc:   | 35.4 MHz ± 0.8 kHz       |
| 2.2.2. Bandwidth between 3 dB - frequencies:                                | ≥ fc ± 13 kHz            |
| 2.2.3. Ripple:  | ≤ 1.0 dB at fc ± 8.0 kHz |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 5 dB                   |

**2.3. Stop band**

- |   |                           |
|---|---------------------------|
| 2.3.1. fc ± 22 kHz                      | ≥ 50 dB                   |
| 2.3.2. fc ± 28 kHz                      | ≥ 80 dB                   |
| 2.3.3. alternate attenuation            | ≥ 80 dB (except spurious) |
| 2.4. Phase linearity within fc ± 11 kHz | < 15°                     |

- |  |              |
|--|--------------|
| 2.5. Terminating impedance ( input and output ): | 50 Ω // 0 pF |
|--|--------------|

- |             |  |
|-------------|--|
| 3. Marking: | manufacturer, date code<br>MQF 35.4-2600/05<br>OEM marking on demand |
|-------------|--|

- |                            |   |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|